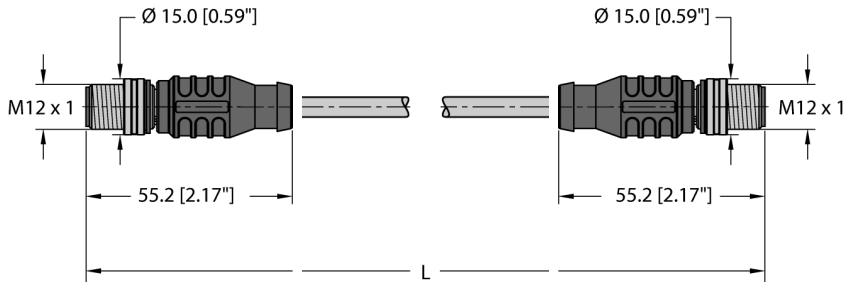


Leitung für Industrial Ethernet / TPE

RSSX RSSX 860-2M



- Ethernet cable: 8-pin, AWG 26, CAT 6A
- Jacket material: TPE
- Jacket color: green
- Jacket diameter: 7.4 mm
- Paired and shielded
- Oil-resistant
- UV-resistant
- Resistant to welding sparks
- Suitable for use with torsion cables and drag chains
- RoHS-compliant
- Approvals: UL
- Protection class IP67
- M12 male, straight, 8-pin
- M12 male, straight, 8-pin
- Cable length: 2.0 m

Type designation

Ident no.

RSSX RSSX 860-2M

UX04304

Connector A

Number of pins
Contacts
Contact carriers
Connector body
Coupling nut/screw
Mechanical lifespan
Pollution degree
Protection class
Tightening torque (range)

Connectors, M12 × 1, Straight
8
Metal, CuZn, Gold-plated
Plastic, TPU, Black
Plastic, TPU, Black
Brass, CuZn, Nickel-plated
> 100 Mating cycles
3
IP67, Only in screwed condition
0.8 ... 1 Nm
(observe max. torque of mating connector!)

Connector B

Number of pins
Contacts
Contact carriers
Connector body
Coupling nut/retaining screw
Mechanical lifespan
Pollution degree
Protection class
Tightening torque

Male, M12 × 1, Straight
8 pins
Metal, CuZn, Gold-plated
Plastic, TPU, Black
Plastic, TPU, Black
Brass, CuZn, Nickel-plated
> 100 Mating cycles
3
IP67, Only when screwed tight
0.8 ... 1 Nm
(observe max. torque of mating connector!)

Cable diameter

Cable length
Cable jacket
Shielding
Core insulation
Core colors
Core cross-section
Arrangement of strands

7.4 ± 0.25mm
2 m
TPE, Green
Aluminum/Polyester foil, tinned copper wire
HDPE
WH(OG)|OG;WH(GN)|GN;WH(BN)|BN;WH(BU)|BU
8x0.14mm²
7x0.16mm

Electrical properties at +20 °C

Current
DC resistance (loop)

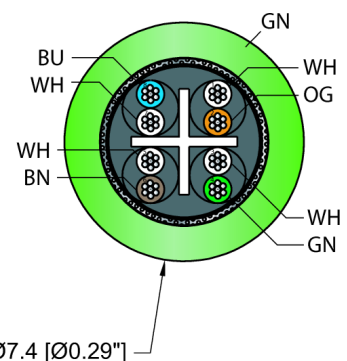
0.5 A
145 Ω/km

Mechanical and chemical properties

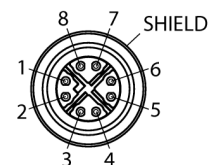
Torsional stress
Torsion cycles
Bending cycles 10 x Ø
Bending cycles 20 x Ø
Ambient temperature
Stationary
In motion

± 270 °/m
≤ 3 million Cycles
1 million *
10 million *
-40...+75°C
-40...+75°C

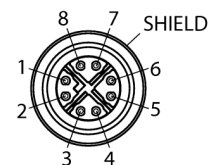
Cable Cross-section



Pin Assignment Left



Pin Assignment Right



Circuit Diagram

Leitung für Industrial Ethernet / TPE
RSSX RSSX 860-2M

Qualified for drag chain use	yes
Approvals	cULus
	CE
	RoHS

